

7/2/3

DIALOG(R)File 351:Derwent WPI

(c) 2002 Derwent Info Ltd. All rts. reserv.

007184797

WPI Acc No: 1987-181806 /198726

XRAM Acc No: C87-075714

Synergistic food preservative - contg. d-limonene and opt. ethanol

Patent Assignee: SANRAKU OCEAN CO LTD (SAOC )

Number of Countries: 001 Number of Patents: 002

Basic Patent:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
-----------	------	------	-------------	------	------	------

JP 62111675	A	19870522	JP 85248726	A	19851108	198726 B
-------------	---	----------	-------------	---	----------	----------

Priority Applications (No Type Date): JP 85248726 A 19851108

Abstract (Basic): JP 62111675 A

Food preservative contains d-limonene and opt. ethanol as major components.

Usually d-limonene is dissolved in an amt. of 0.5-2.0 v/v% in ethanol and the soln. is applied on food so that its ethanol concn. is above 1.0 v/v%.

USE/ADVANTAGE - d-limonene alone can suppress the multiplication of microbes and by using d-limonene and ethanol together, they show synergistic suppressing effect on the multiplication of microbes.

Title Terms: SYNERGISTIC; FOOD; PRESERVE; CONTAIN; LIMONENE; OPTION; ETHANOL

Derwent Class: D13; E15

International Patent Class (Main): A23L-003/3463

International Patent Class (Additional): A01N-027/00; A23L-003/34

File Segment: CPI

Manual Codes (CPI/A-N): D03-H01Q; D03-H02E; E10-J02A

Chemical Fragment Codes (M3):

\*01\* G035 G562 H7 H721 M210 M211 M213 M232 M240 M282 M320 M415 M510 M520  
M530 M541 M610 M781 M903 M904 M910 P863 Q225 R023 R01119-U

Derwent Registry Numbers: 0245-U; 1119-U

Specific Compound Numbers: R01119-U